INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31739

| A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B01D 9/00 US CL : 422/245.100 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 422/245.100 | |
|---|---|
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) STN (hcaplus, inspec, japio, uspatall, inpadoc) | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | |
| Category * Citation of document, with indication, where a | ppropriate, of the relevant passages Relevant to claim No. |
| A US 4,820,582 A (Merz, et al) 11 April 1989 see entire reference | |
| Further documents are listed in the continuation of Box C. | See patent family annex. |
| Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance. | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| Date of the actual completion of the international search | Date of mailing of the international search report 1 6 MAY 2005 |
| 13 April 2005 (13.04.2005) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner of Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 | Authorized officer Benjamin Utech Telephone No. (571) 272-1700 |